

Converting Colors

$Yxy(86.1999, 0.3067, 0.3165)$

Have a look what the booklet for
Yxy(86.1999, 0.3067, 0.3165)
contains.

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Color

Yxy(85.9958, 0.3068, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	F0EDFA
RGB	240, 237, 250
RGB Percent	94%, 93%, 98%
CMY	0.0586, 0.0706, 0.0196
CMYK	0.04, 0.05, 0.00, 0.02
HSL	254°, 57%, 95%
HSV	254°, 5%, 98%
XYZ	83.4921, 85.9958, 102.6507
YIQ	239.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

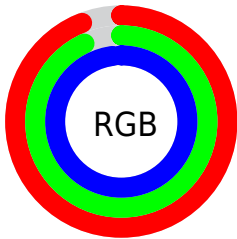
Format	Color
R _Y B	240, 237, 250
Decimal	15789562
CIE Lab	94.31, 3.38, -5.92
CIE LCh	94, 6.816, 299.734
Yxy	85.9958, 0.3068, 0.3160
Android (android.graphics.Color)	4293979642 (0xFFFF0EDFA)
YUV	239.3790, 5.2362, 0.5446
Hunter-Lab	92.7339, -1.5735, -0.7166

Details

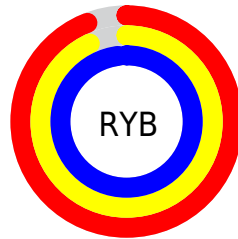
The Yxy color 85.9958, 0.3068, 0.3160 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.2554, 0.3184, 0.3418, and the grayscale version is 86.5962, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 47.1331, 0.3051, 0.3124 is the 20% darker color. If you saturate the color by 10%, you get 69.3499, 0.2941, 0.2889, and if you desaturate by 10%, it is 99.6830, 0.3156, 0.3338.

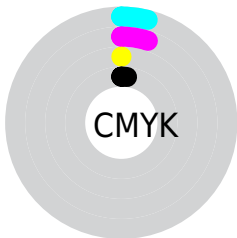
Distribution



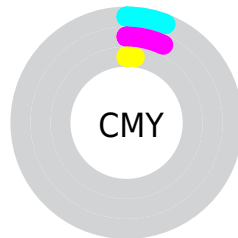
- Red (94%)
- Green (93%)
- Blue (98%)



- Red (94%)
- Yellow (93%)
- Blue (98%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)




- Cyan (6%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.9958, 0.3068, 0.3160 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 85.9958, 0.3068, 0.3160 by changing the saturation by 10% instead.


 85.9958, 0.3068,
0.3160

 85.9958, 0.3068,
0.3160


514.9174, 0.3095,
0.3218

 64.6645, 0.3062,
0.3147


141.7636, 0.3077,
0.3180

 47.1891, 0.3055,
0.3132


176.9689, 0.3081,
0.3188

 33.1852, 0.3046,
0.3112


217.5677, 0.3084,
0.3194

 22.2683, 0.3034,
0.3088

263.9444, 0.3087,
0.3200

 14.0542, 0.3018,
0.3055

316.4832, 0.3089,
0.3205

 8.1584, 0.2996,
0.3009

375.5688, 0.3091,

 4.1965, 0.2963,

0.3210

0.2943

441.5854, 0.3093,
0.3214

■ 1.7841, 0.2908,
0.2834

■ 0.4772, 0.2754,
0.2451

■ 85.9958, 0.3068,
0.3160

■ 85.9958, 0.3068,
0.3160

■ 69.3499, 0.2941,
0.2889

■ 99.6830, 0.3156,
0.3338

■ 54.9763, 0.2796,
0.2590

■ 42.7786, 0.2634,
0.2269

■ 32.6491, 0.2457,
0.1936

■ 24.4707, 0.2273,
0.1605

■ 18.1146, 0.2090,
0.1296

■ 13.4359, 0.1919,
0.1032

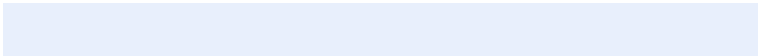
■ 10.2669, 0.1773,
0.0832

■ 8.4029, 0.1660,
0.0705

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9958, 0.3007, 0.3164



85.9958, 0.3068, 0.3160



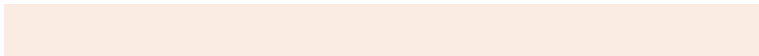
85.9958, 0.3146, 0.3190

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9958, 0.3068, 0.3160



85.9958, 0.3279, 0.3376



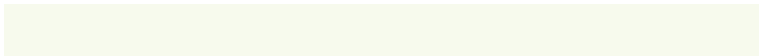
85.9958, 0.3035, 0.3335

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



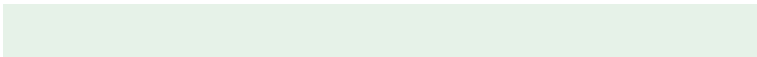
85.9958, 0.3068, 0.3160



94.2554, 0.3184, 0.3418

Split Complementary

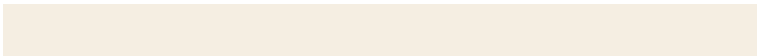
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9958, 0.3107, 0.3394



85.9958, 0.3068, 0.3160



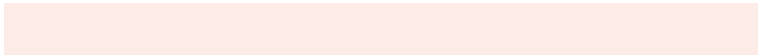
85.9958, 0.3248, 0.3417

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9958, 0.3068, 0.3160



85.9958, 0.3268, 0.3313



85.9958, 0.3185, 0.3424



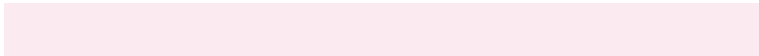
85.9958, 0.2988, 0.3264

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



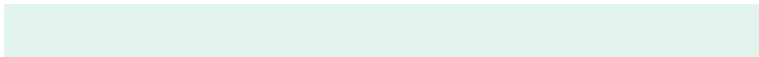
85.9958, 0.3068, 0.3160



85.9958, 0.3196, 0.3225



85.9958, 0.3185, 0.3424



85.9958, 0.3058, 0.3357

Sweetspot

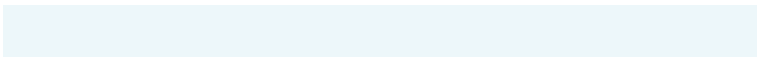
The Sweet Spot groups the original color and five complimentary colors.



85.9995, 0.3068, 0.3160



96.0579, 0.3105, 0.3241



91.4104, 0.3046, 0.3260



20.6016, 0.3106, 0.3243



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9995, 0.3068, 0.3160



88.4748, 0.3059, 0.3140



87.1533, 0.3110, 0.3162



17.8877, 0.3051, 0.3123



4.2101, 0.1630, 0.0672



0.4362, 0.1743, 0.0734

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



87.5977, 0.3152, 0.3193



90.3929, 0.3156, 0.3178



93.0990, 0.3143, 0.3420



18.3211, 0.3159, 0.3165



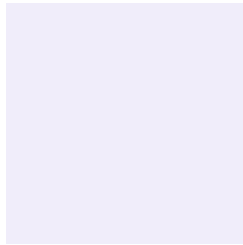
12.7970, 0.3916, 0.1931



1.2015, 0.3813, 0.1874

Previews

White Background



This preview shows how the Yxy color 85.9958, 0.3068, 0.3160 looks on a white background.

Color Contrast Check

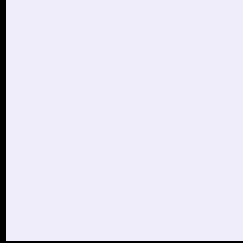
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 85.9958, 0.3068, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

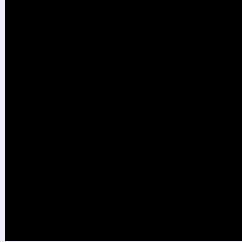
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

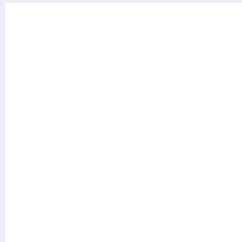
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.9958, 0.3068, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 85.9958, 0.3068, 0.3160.

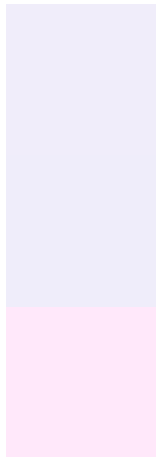


This preview shows how white text looks on a background with the Yxy color 85.9958, 0.3068, 0.3160.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.9958, 0.3068, 0.3160

Protanopia

85.8212, 0.3061, 0.3160

Deuteranopia

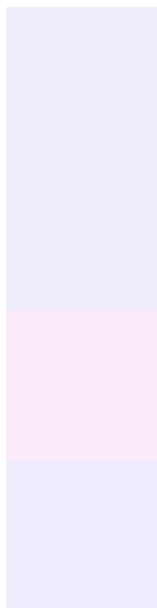
85.8754, 0.3169, 0.3115



Tritanopia

85.9117, 0.3044, 0.3102

Trichromacy



Original Color

85.9958, 0.3068, 0.3160

Protanomaly

85.8212, 0.3061, 0.3160

Deuteranomaly

86.0718, 0.3135, 0.3133

Tritanomaly

85.7835, 0.3056, 0.3121

Monochromacy



Original Color

85.9958, 0.3068, 0.3160

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.9709, 0.3103, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9958, 0.3068, 0.3160 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 237, 250)` looks like.

```
.text, #text, p{  
    color:rgb(240, 237, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 237, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 237, 250) }
```

Border

The CSS property to change the border of an element to Yxy 85.9958, 0.3068, 0.3160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 237, 250) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(240, 237, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(240, 237, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 237, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 237, 250);  
box-shadow:4px 4px 4px 4px rgb(240, 237,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9958, 0.3068, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 237, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
237, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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